

CLAIMS

I make the following claims #1 thru #10

1. This invention is to be used with existing and new flush tanks that have a water supply and a float shut-off valve
2. It can replace all existing flush valves on one and 2 piece toilets (see Fig. 2).
3. It can be inserted into all existing 1 and 2 piece toilet flush valves without disconnecting plumbing. (See Fig. 3 and Fig. 4)
4. Flushing can be activated with flush handles and levers #17 thru #28 on existing tanks with (1) flush handle hole. (See Fig. 5 and Fig. 6)
5. On new tanks with (2) flush handle holes commercial flush handles and levers can be used there by eliminating Det's 17 thru 28. (See Fig. 5 and Fig. 6)
6. Det's #1,2,3,9 and 11 can be mass produced of plastic and cost little more than single flush valves now in use.
7. I estimate that the partial flush flap (4) will be used on 80-85% of all flushings and will save much more water than the current E.P.A. 1.6 gallon toilets now being sold.
8. I claim great amounts of water can be saved on all old existing tanks and new E.P.A. man dated 1.6 gallon tanks. That is the basis of this invention.
9. This invention can be adjusted to determined amount of water to be flushed by sliding det. #2 up or down in det. #1 and lock in place with det. #8 set screw.
10. Valves and handles can be installed in a few minutes by most people.